CONTENTS OF HEREDITAS, VOLUME 126:1–3 (1997)

35 Belay, G. and Merker, A.
Cytogenetic studies in Ethiopian landraces of tetraploid wheat (*Triticum turgidum* L.). II. Spontaneous chromosome translocations and fertility.

103 Bokor, K. and Pecsenye, K.
Strains of *Drosophila melanogaster* differ in alcohol tolerance.

198 Book review.

295 Book review.

45 Bukhari, Y.M.
Nuclear DNA amounts in *Acacia* and *Prosopis* (Mimosaceae) and their evolutionary implications.

195 Bukhari, Y.M.
A simple method of chromosome preparation for *Acacia* and *Prosopis* (*Mimosaceae*).

53 Castro, A.J., Pardo, M.C., López-León, M.D., Cabrero, J. and Camacho, J.P.M.
Mating frequency increases somatic condition but not productivity in *Locusta migratoria* females.

261 Cavalli, L.R., Cavalieri, L.M.B., Ribeiro, L.A., Cavalli, I.J., Silveira, R. and Rogatto, S.R.
Cytogenetic evaluation of 20 primary breast carcinomas.

133 Chen, B.Y., Jørgensen, R.B., Cheng, B.F. and Heneen, W.K.
Identification and chromosomal assignment of RAPD markers linked with a gene for seed colour in a *Brassica campestris-alboglabra* additional line.

67 Davis, T., Ashburner, M., Johnson, G., Gubb, D. and Roote, J.
Genetic and phenotypic analysis of the genes of the *elbow-no-ocelli* region of chromosome *2L* of *Drosophila melanogaster*.

247 Espinós, C., Sánchez, F., Ramírez, C., Juan, F. and Nájera, C.
Polymorphism of alcohol dehydrogenase genes in alcoholic and nonalcoholic individuals from Valencia (Spain).

233 Fanara, J.J., Hansson, E. and Rodriguez, C.
The effect of polymorphic inversions on body size in two natural populations of *Drosophila buzzatii* from Argentina.

191 Fedorova, S., Omelyanchuk, L. and Nokkala, S.
A genetic screen for meiotic mutants in mosaic clones of male germ line in *Drosophila melanogaster*.

25 Fredga, K. and Jaarola, M.
The origin and distribution of the Lund Y chromosome in *Microtus agrestis* (Rodentia, Mammalia).

127 Fridolfsson, A.-K., Gyllensten, U.B. and Jakobsson, S.
Microsatellite markers for paternity testing in the Willow warbler *Phylloscopus trochilus*: high frequency of extra-pair young in an island population.

183 Gertsch, P.J. and Fjerdingstad, E.J.
Biased amplification and the utility of spermatheca-PCR for mating frequency studies in Hymenoptera.

173 Konovalov, A.A.
Combining ability in sugar beet inbreds after male gametophyte selection.

121 Konovalov, A.A.
Gametophytic variant of alcohol dehydrogenase ADH-P in sugar beet: inheritance and influence on pseudo-compatibility.

59 Koykul, W., Switonski, M. and Basrur, P.K.
The X bivalent in fetal bovine oocytes

17 Leskinen, E. and Pamilo, P.
Evolution of the ITS sequences of ribosomal DNA in *Enteromorpha* (Chlorophyceae).

289 Li, X., Guo, R., Pedersen, C., Hayman, D. and Langridge, P.
Physical localization of rRNA genes by two-colour fluorescent in-situ hybridization and sequence analysis of the 5S rRNA gene in *Phalaris coerulescens*

1 Linde-Laursen, I., Heslop-Harrison, J.S., Shepherd, K.W. and Taketa, S.
The barley genome and its relationship with the wheat genomes. A survey with an internationally agreed recommendation for barley chromosome nomenclature.
87 Manninen, O. and Nissilä, E.
Genetic diversity among Finnish six-rowed barley cultivars based on pedigree information and DNA markers.
187 Martín-Alganza, A., Cabrero, J., López-León, M.D., Perfectti, F. and Camacho, J.P.M.
Supernumerary heterochromatin does not affect several morphological and physiological traits in the grasshopper *Eyprepocnemis plorans*.
219 Matzk, F. Meyer, H.-M., Horstmann, C., Balzer, H.-J., Bäumlein, H. and Schubert, I.
A specific α-tubulin is associated with the initiation of parthenogenesis in 'Salmon' wheat lines
281 Mori, N., Miyashita, N.T., Terachi, T. and Nakamura, C.
Variation in coxII intron in the wild ancestral species of wheat
139 Niwa, K., Horiuchi, G. and Hirai, Y.
Production and characterization of common wheat with B chromosomes of rye from Korea.
225 Norry, F.M., Vilardi, J.C., Fernandez Iziarte, P. and Hansson, E.
Correlations among size-related traits affected by chromosome inversions in *Drosophila buzzatii:* The comparison within and across environments
161 Odeigah, P.G.C., Nurudeen, O. and Amund, O.O.
Genotoxicity of oil field wastewater in Nigeria.
239 Oki, S., Gu, X., Kofoid, K.D. and Liang, G.H.
A light-intensity sensitive chlorophyll mutant in sorghum
255 Ortiz, R., Craenen, K. and Vuylsteke, D.
Ploidy manipulations and genetic markers as tools for analysis of quantitative trait variation in progeny derived from triploid plantains
85 Petitpierre, E. and Sanchez-Font, M.F.
A cytogenetic study of two species of Hispinae (Coleoptera: Chrysomelidae).
179 Poiani, A.
Noisy plasticity and evolution of brood parasitism.
115 Prakash, B., Olsaker, I., Gustavsson, I. and Chowdhary, B.P.
FISH mapping of three bovine cosmids to cattle, goat, sheep and buffalo X chromosomes.
211 Ren, N., Song, Y.C., Bi, X.Z., Ding, Y. and Liu, L.H.
The physical location of genes *cdc2* and *prh1* in maize (*Zea mays* L.)
147 Skadhauge, B., Thomsen, K.K. and Wettstein, D.von
The role of the barley testa layer and its flavonoid content in resistance to *Fusarium* infections.
169 Stenberg, P., Terhivuo, J., Lokki, J. and Saura, A.
Clone diversity of tetraploid *Otiorhynchus scaber* in northern Europe.
269 Stone, C.E., Taggart, J.B. and Ferguson, A.
Single locus minisatellite DNA variation in European populations of Atlantic salmon (*Salmo salar* L.)
77 Traut, W. and Clarke, C.A.
Karyotype evolution by chromosome fusion in the moth genus *Orgyia*.
277 Ünal, F., Yüzbaşioğlu, D. and Duman, H.
Karyotyping in *Sternbergia clusiana* and *S. colchiciflora* from Turkey (Amaryllidacae)
95 Vinogradov, A.E.
Fine structure of gene frequency landscapes in domestic cat: The Old and New Worlds compared.
199 Wirth, T., Baur, A. and Baur, B.
Mating system and genetic variability in the simultaneously hermaphroditic terrestrial gastropod *Balea perversa* on the Baltic island of Öland, Sweden

77 Traut, W. and Clarke, C.A.
Karyotype evolution by chromosome fusion in the moth genus *Orgyia*.
277 Ünal, F., Yüzbaşioğlu, D. and Duman, H.
Karyotyping in *Sternbergia clusiana* and *S. colchiciflora* from Turkey (Amaryllidaceae)
95 Vinogradov, A.E.
Fine structure of gene frequency landscapes in domestic cat: The Old and New Worlds compared.
199 Wirth, T., Baur, A. and Baur, B.
Mating system and genetic variability in the simultaneously hermaphroditic terrestrial gastropod *Balea perversa* on the Baltic island of Öland, Sweden